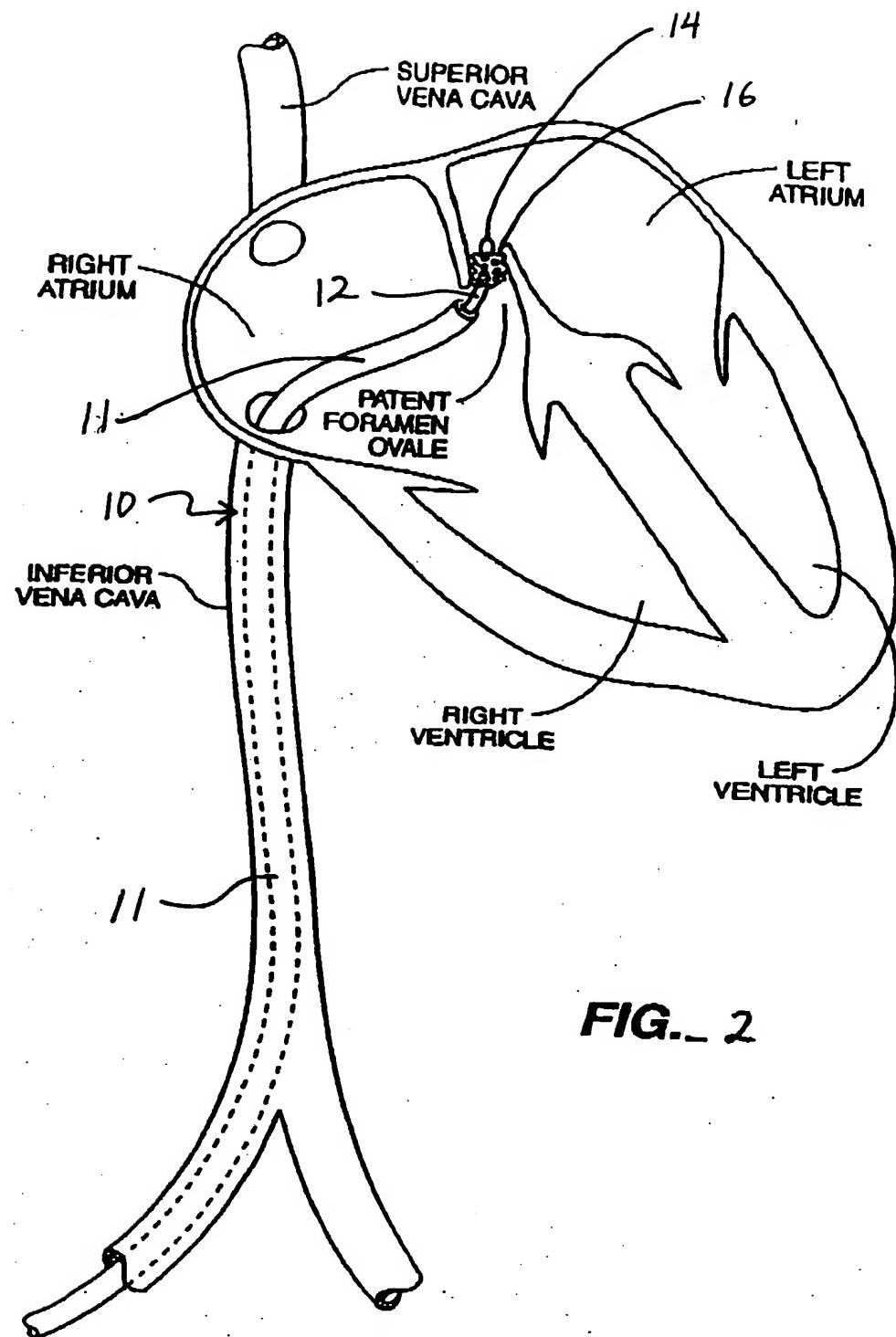


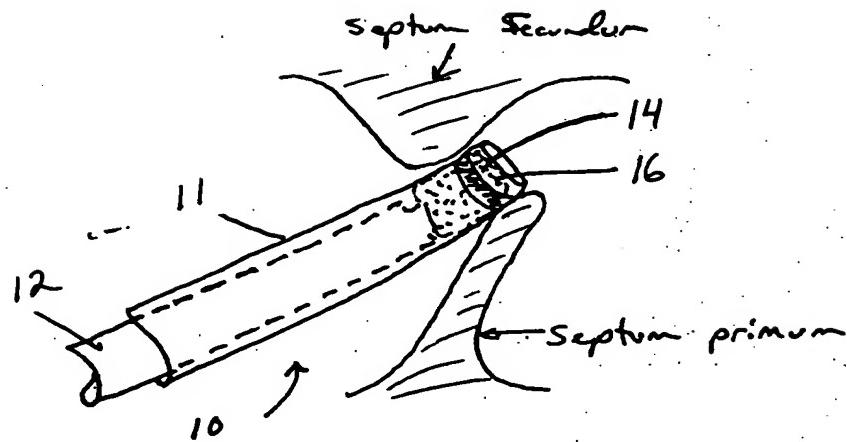
**FIG.-1**



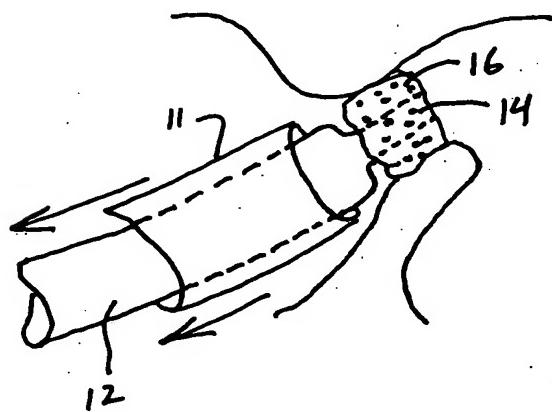
**FIG.. 2**

FIGURE 3

a) System introduced into PFO



b) Outer Sheath withdrawn  
energy applied



c) Delivery System withdrawn

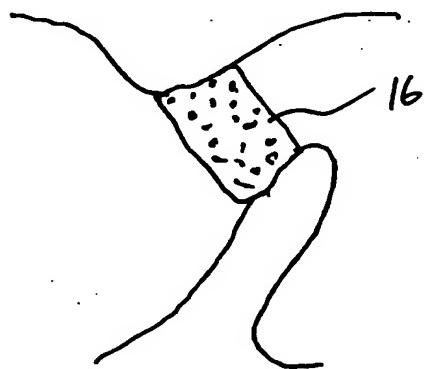


FIGURE 4

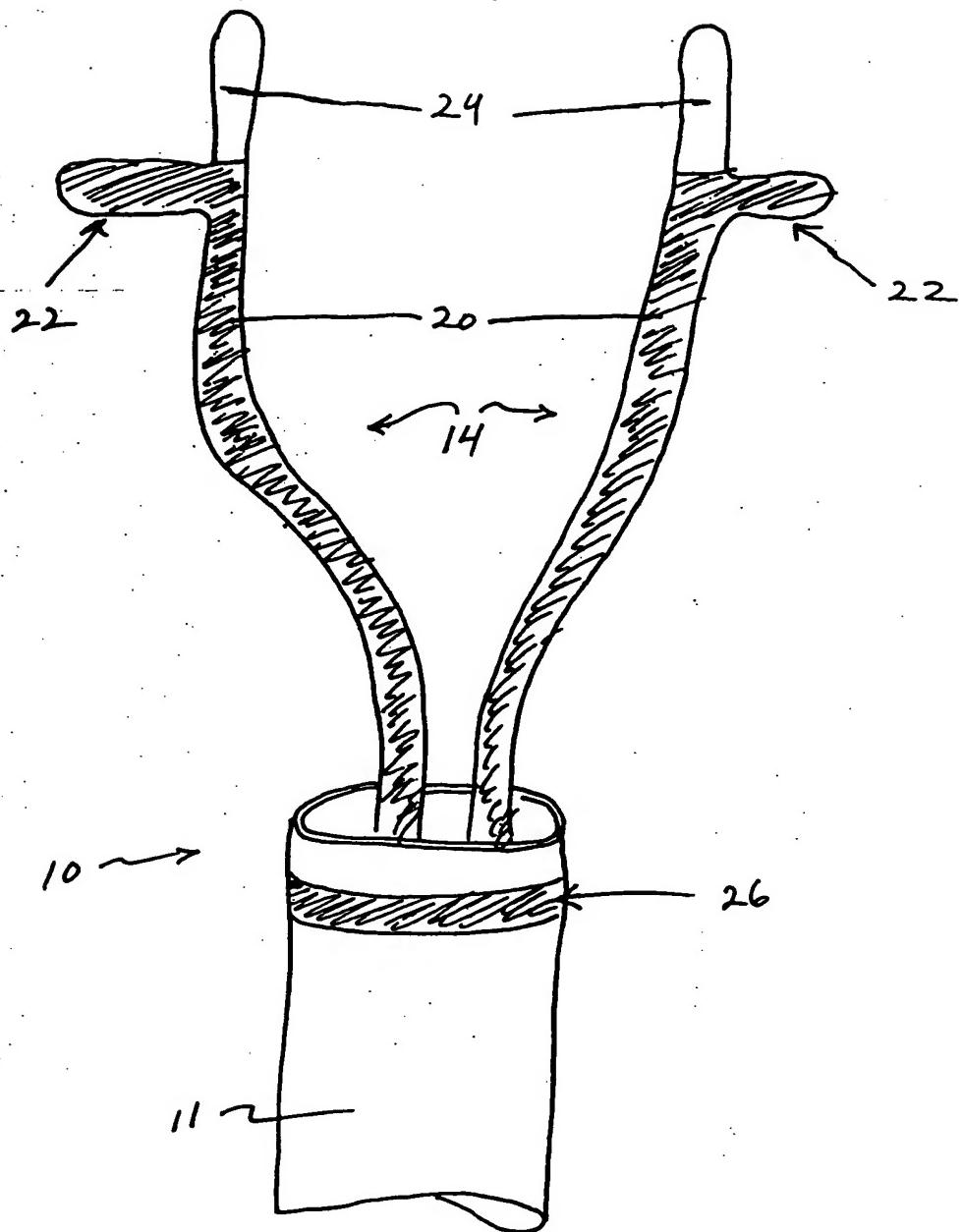
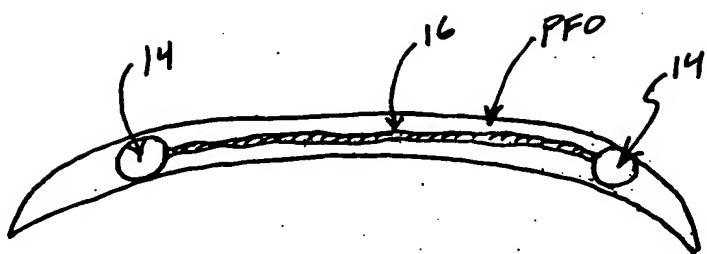


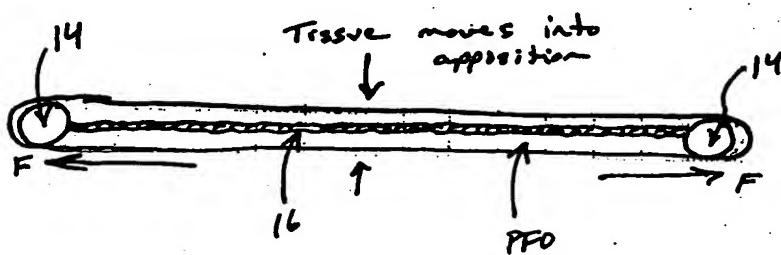
FIGURE 5

5A)



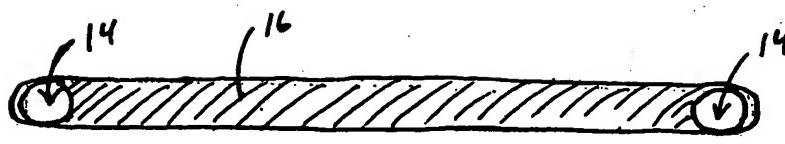
fish smooth  
electrodes and  
matrix in place

5B)



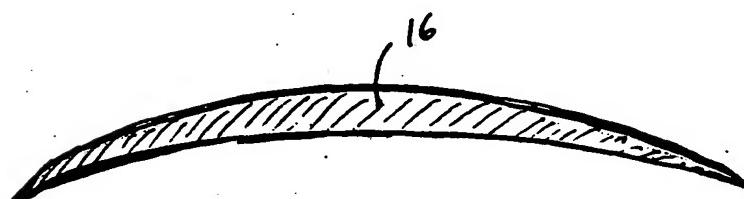
electrodes move  
laterally to appose  
PFO tissues

5C)



matrix expands  
to fill all gaps  
& spaces in PFO

5D)



final result -  
PFO with  
matrix sealed  
in place

FIGURE 6

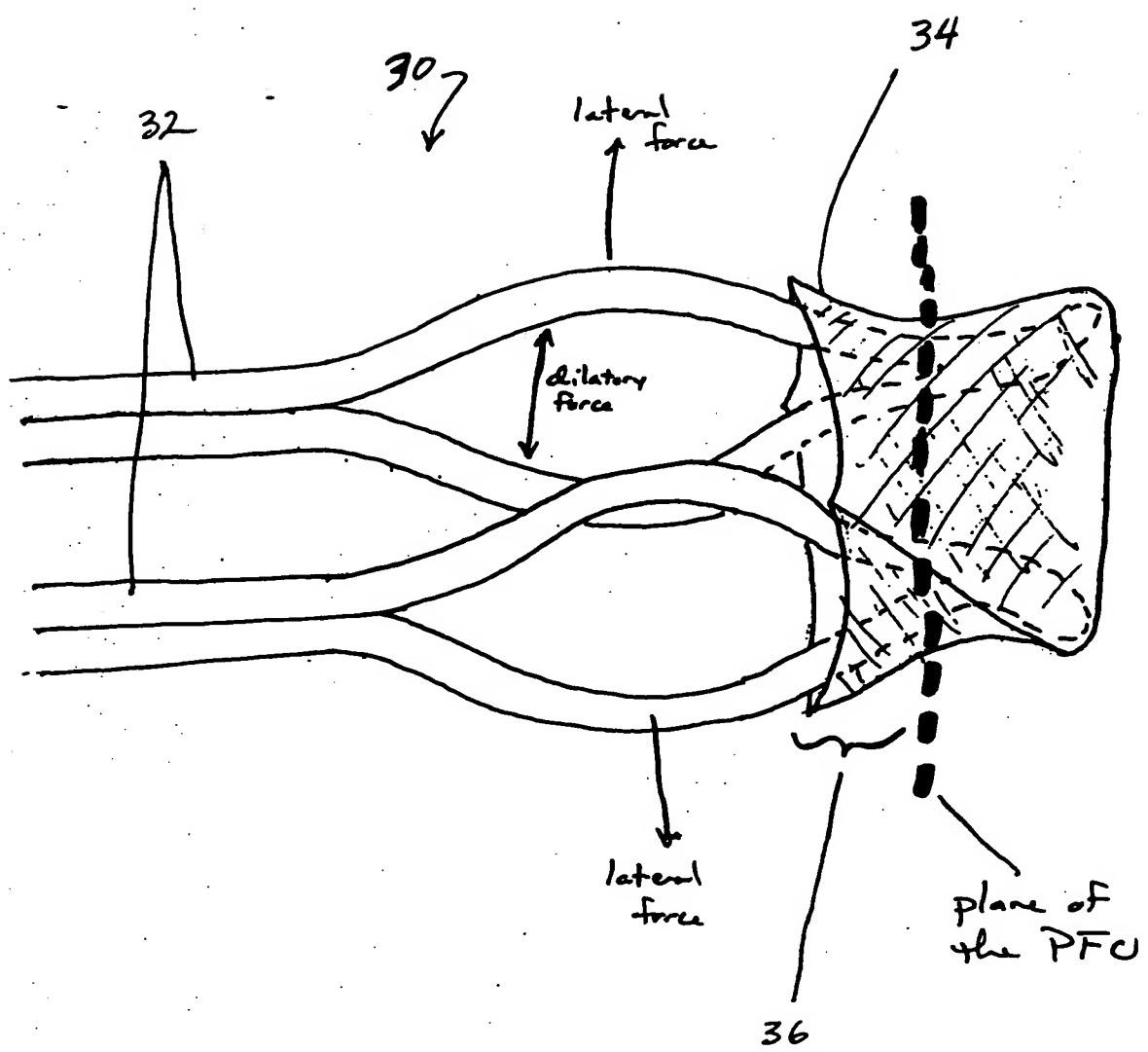


FIGURE 7

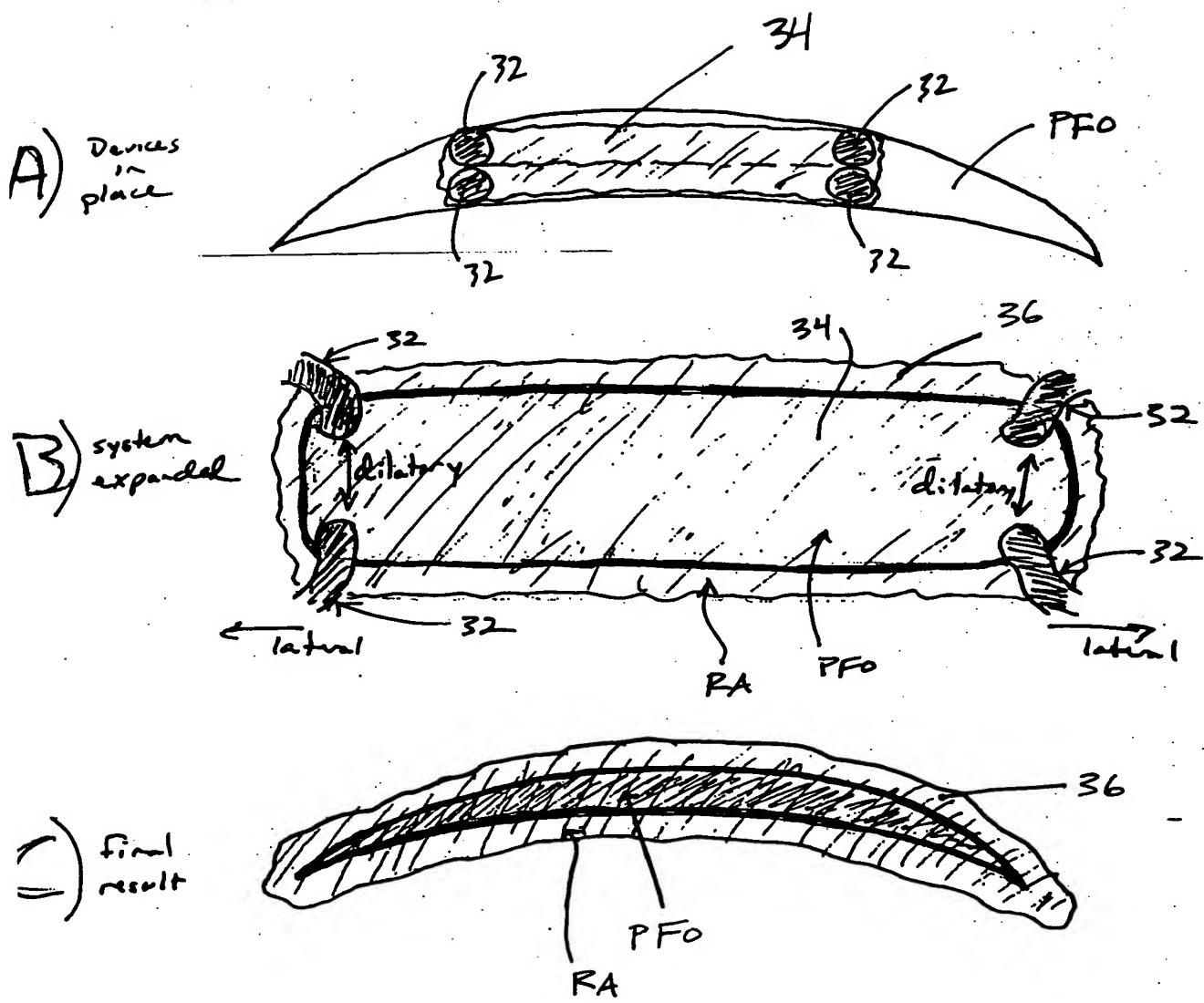


FIGURE 8

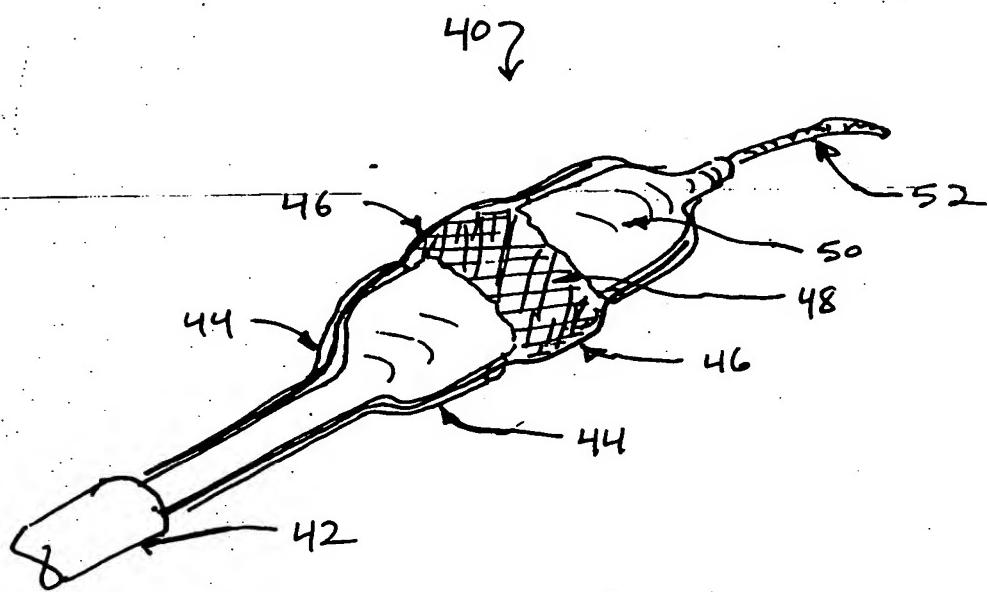
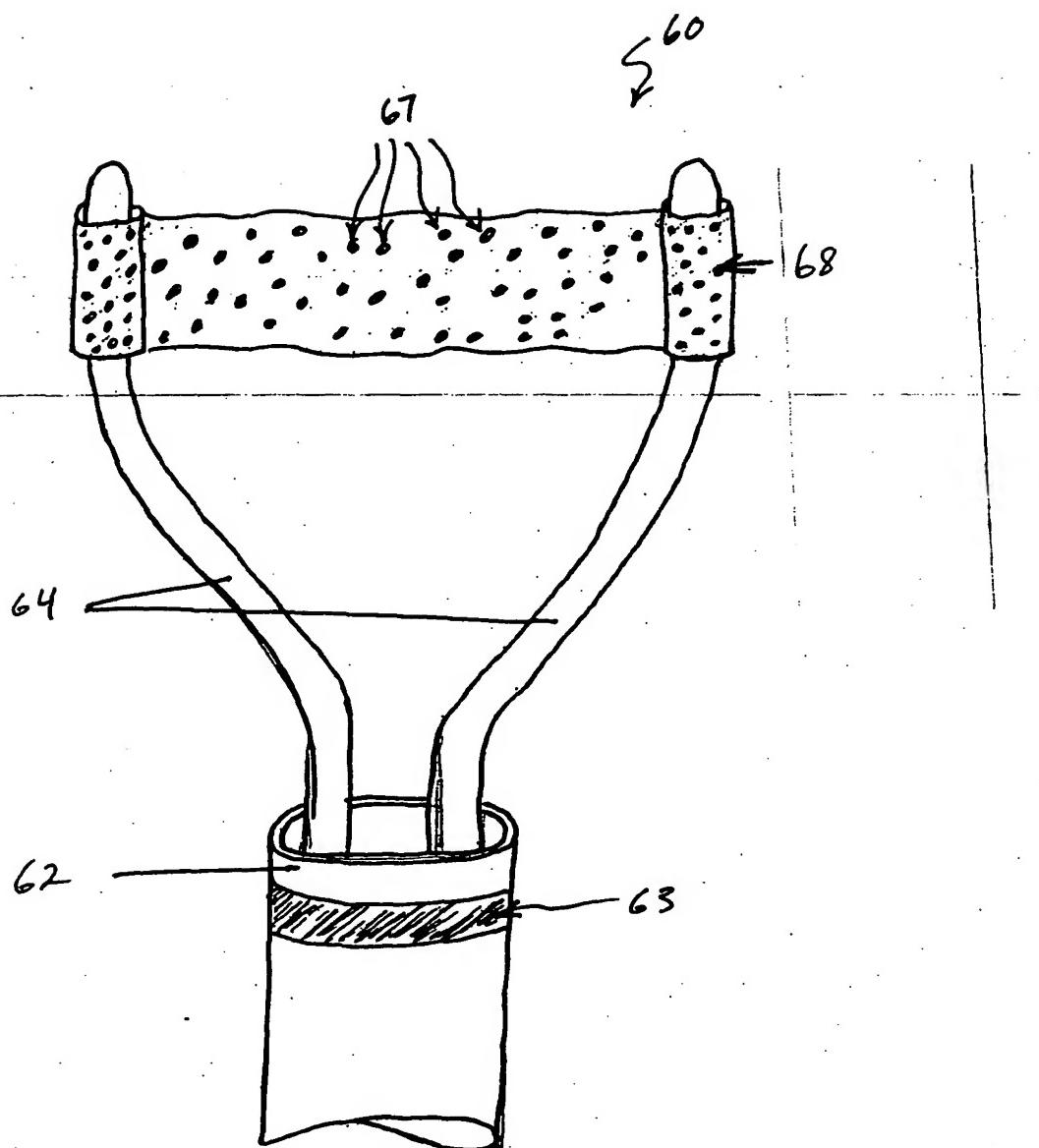
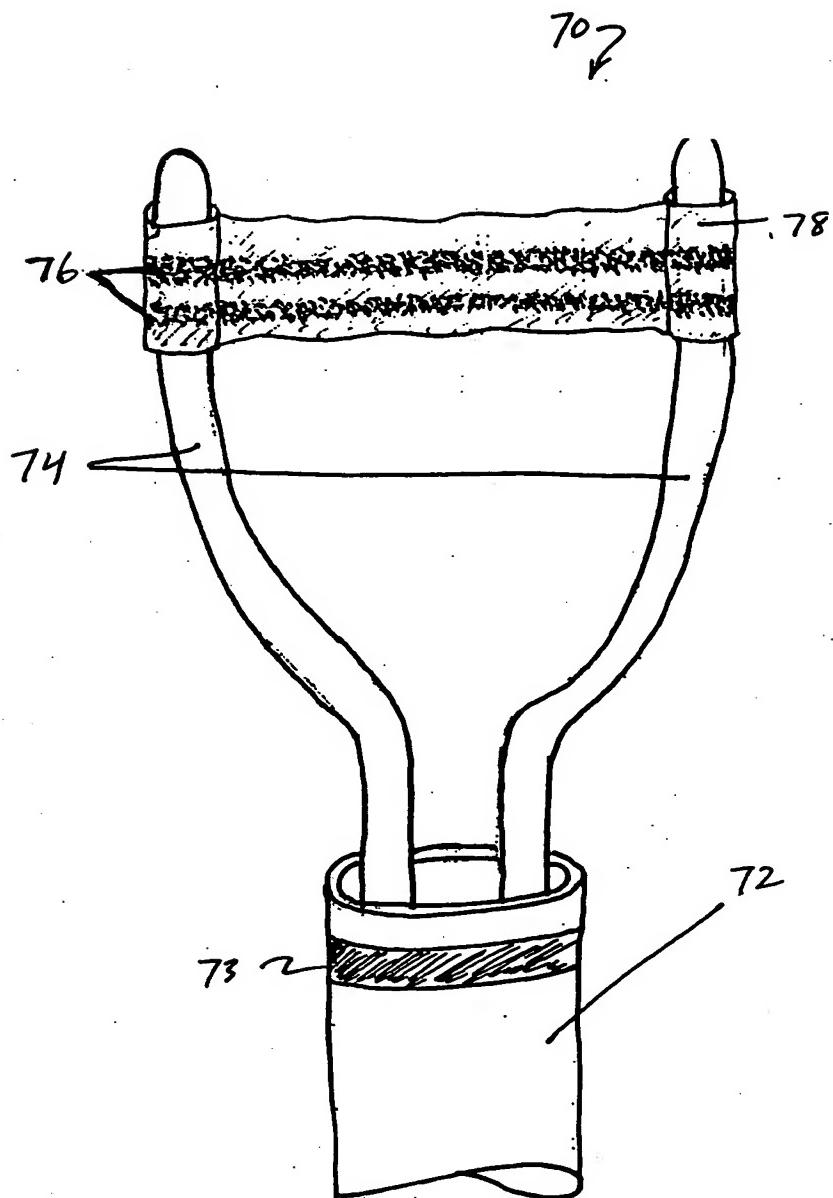


FIGURE 9



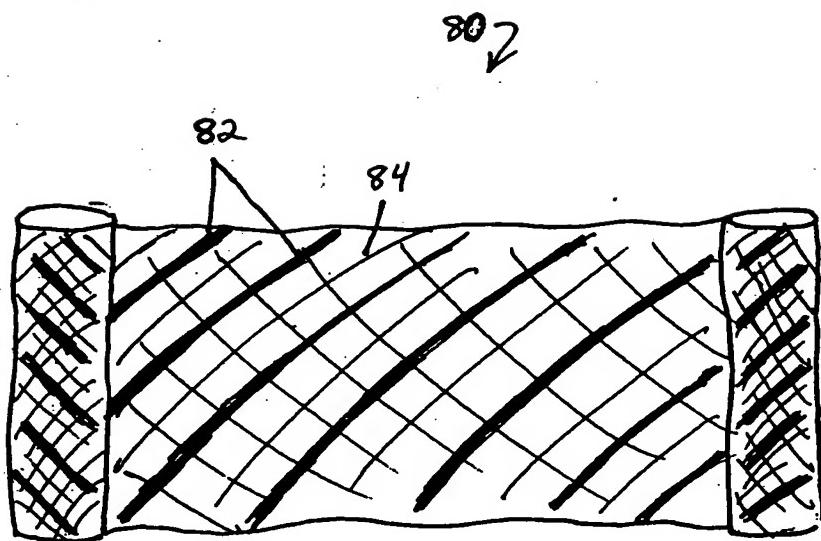
Doped matrix reduces tissue  
impedance + assists energy  
delivery

FIGURE 10



Doping particles form conductive wires) that disintegrate upon matrix resorption

FIGURE 11



Woven patch with  
conductive elements

FIGURE 12

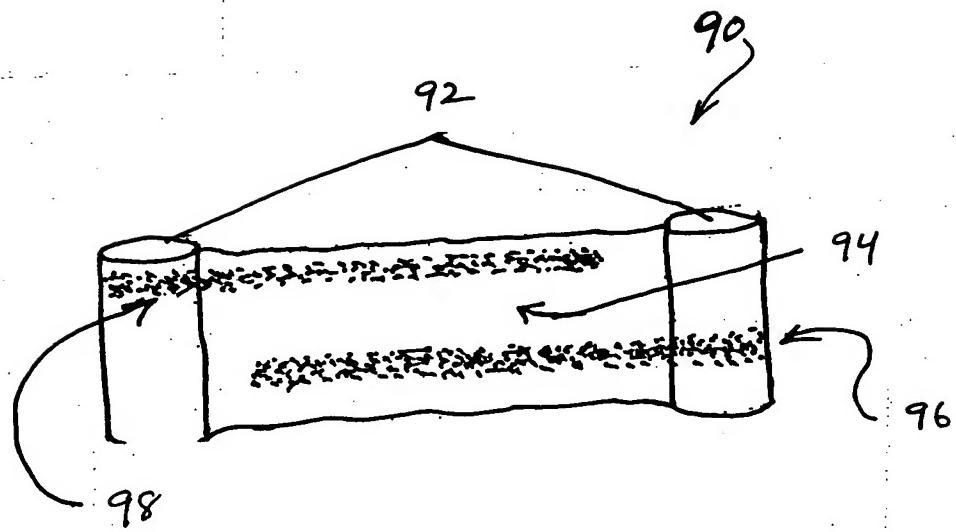
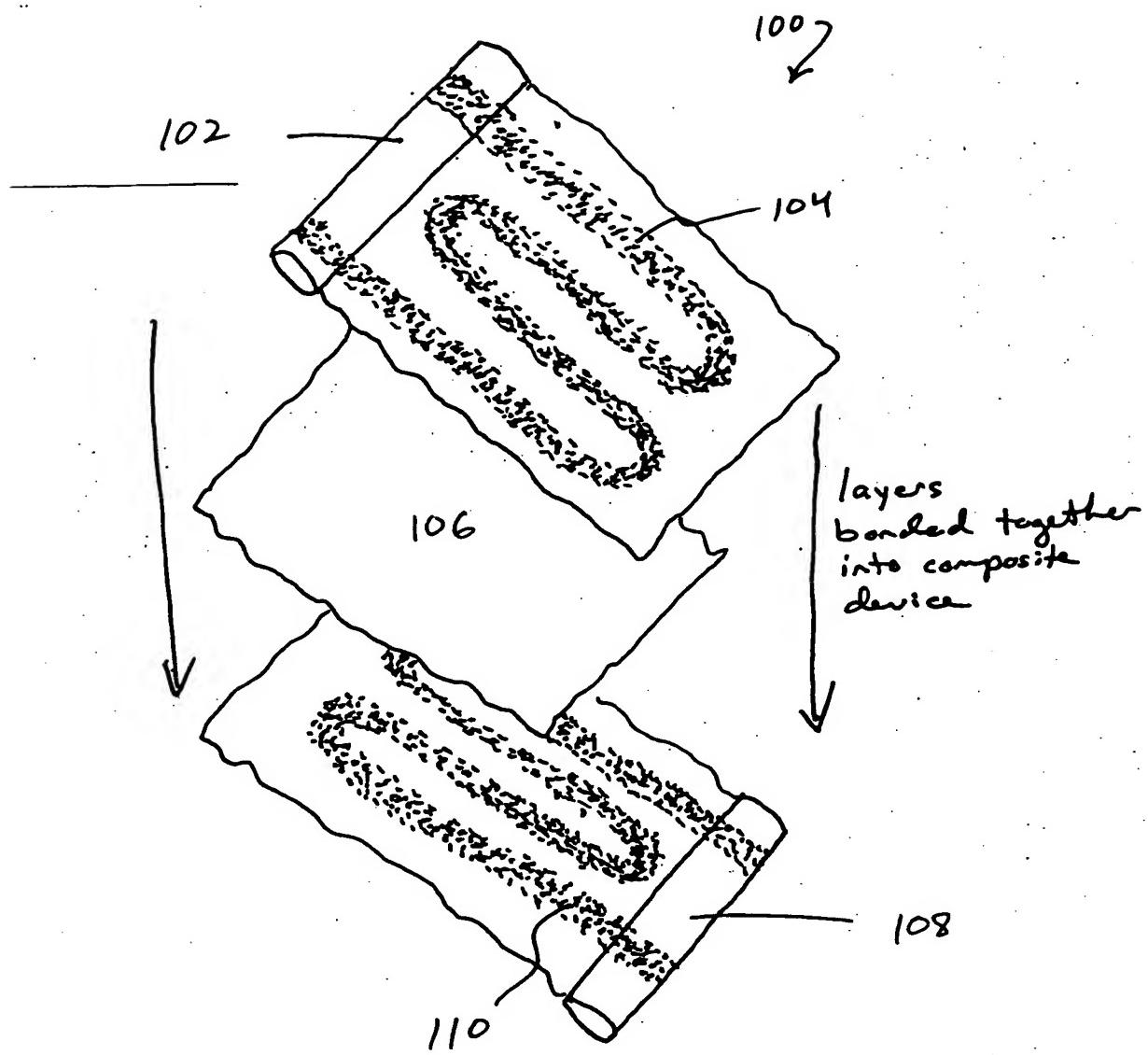


FIGURE 13



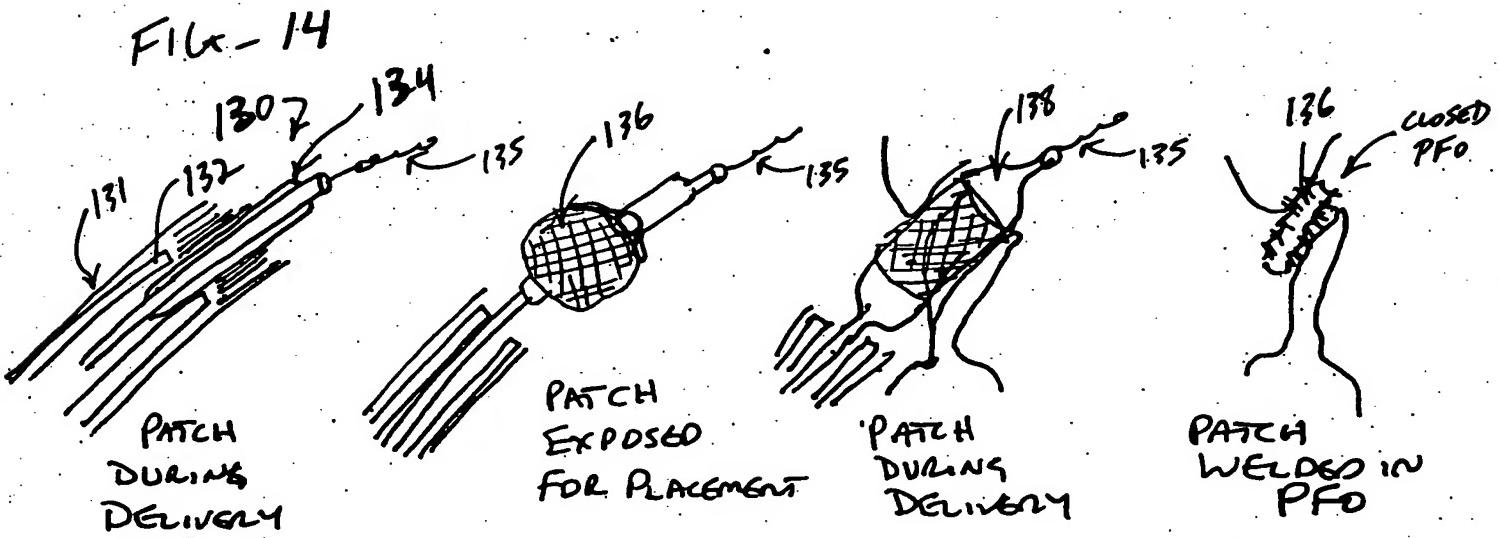
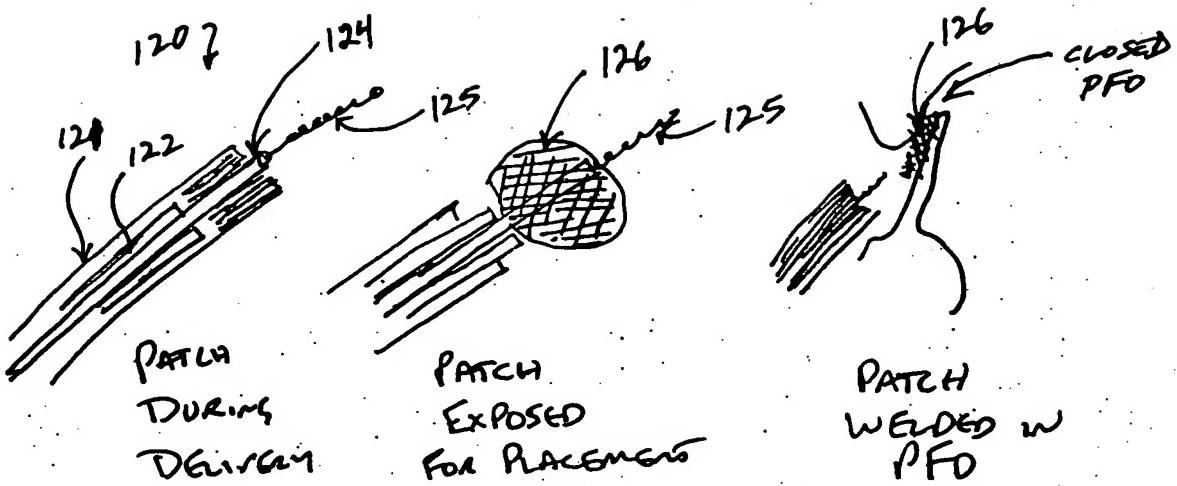
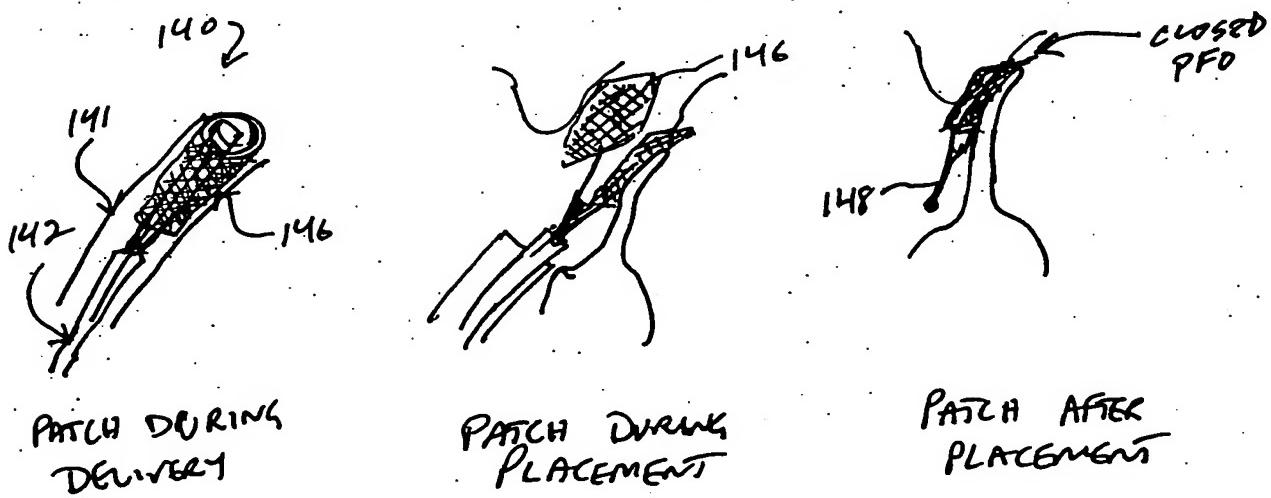
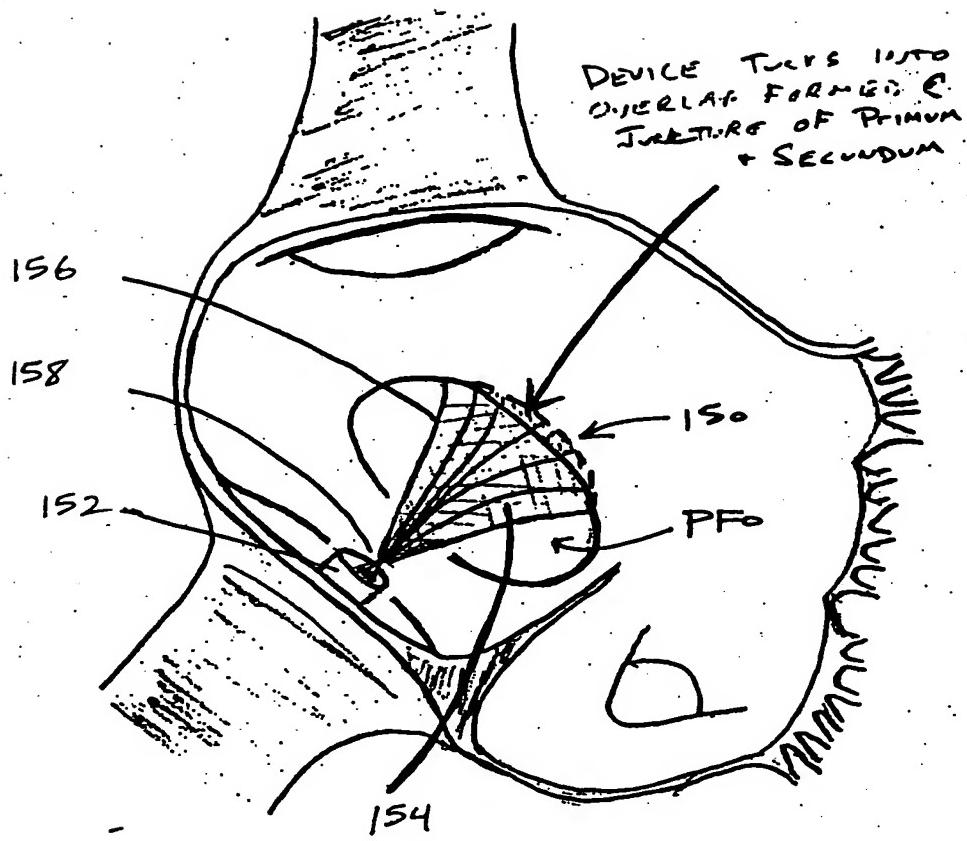


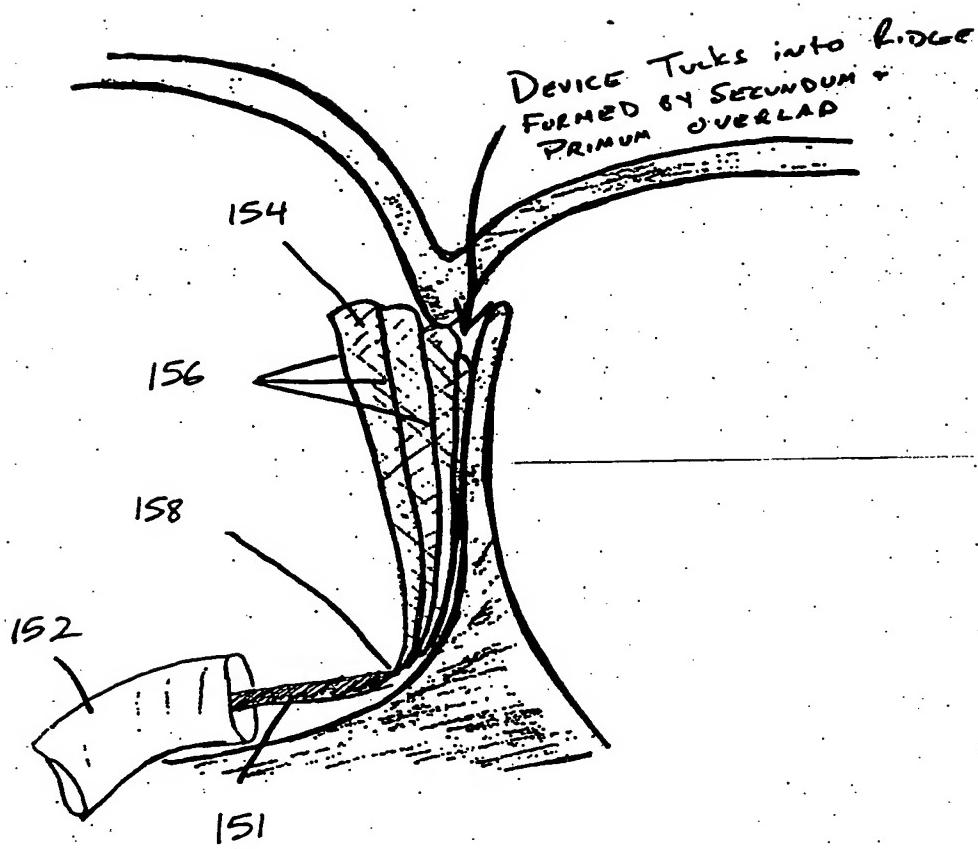
FIG-15





RF PATCH - R. ATRIUM  
CUTAWAY VIEW

FIG-17A



RF PATCH - SEPTUM CROSS  
SECTIONAL VIEW

FIG-17B

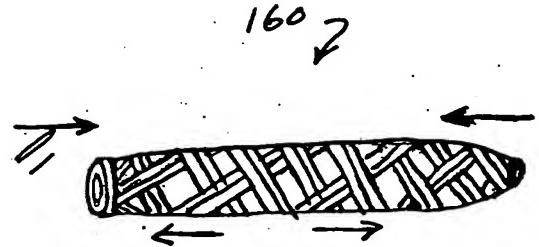


FIG - 18A

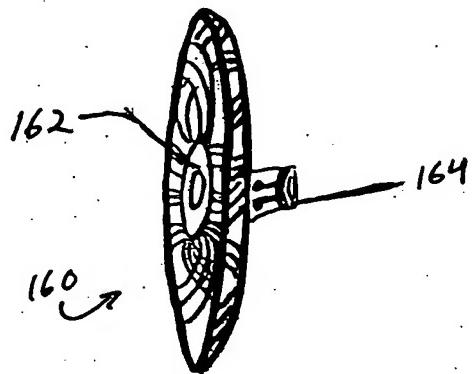


FIG - 18B

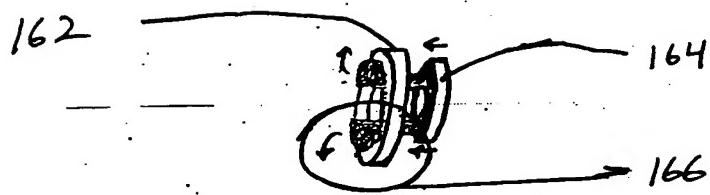


FIG - 19

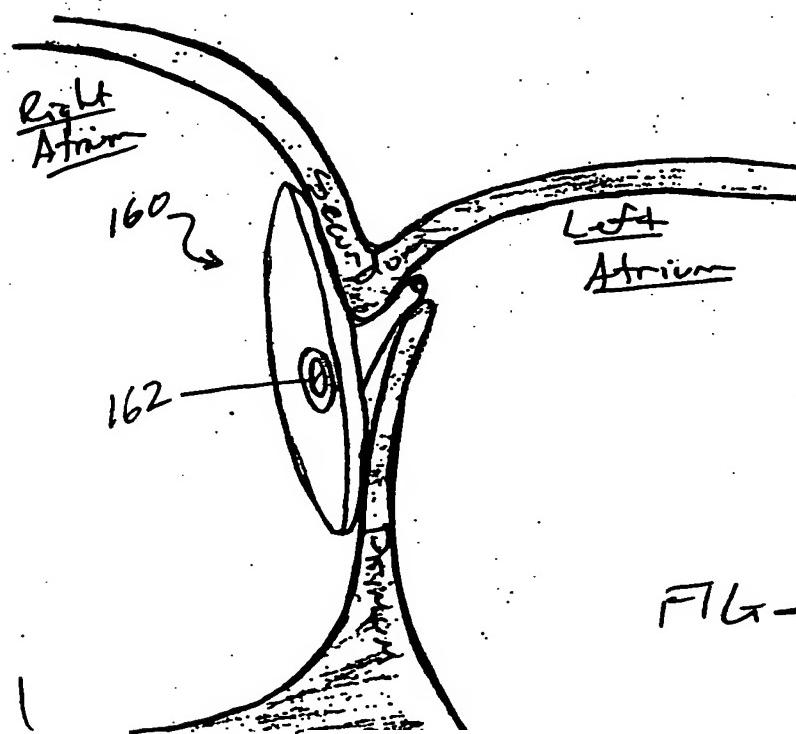


FIG - 20

infusion ports  
allow testing  
of device placement  
by bubble/echo  
contrast testing  
prior to permanent  
deployment

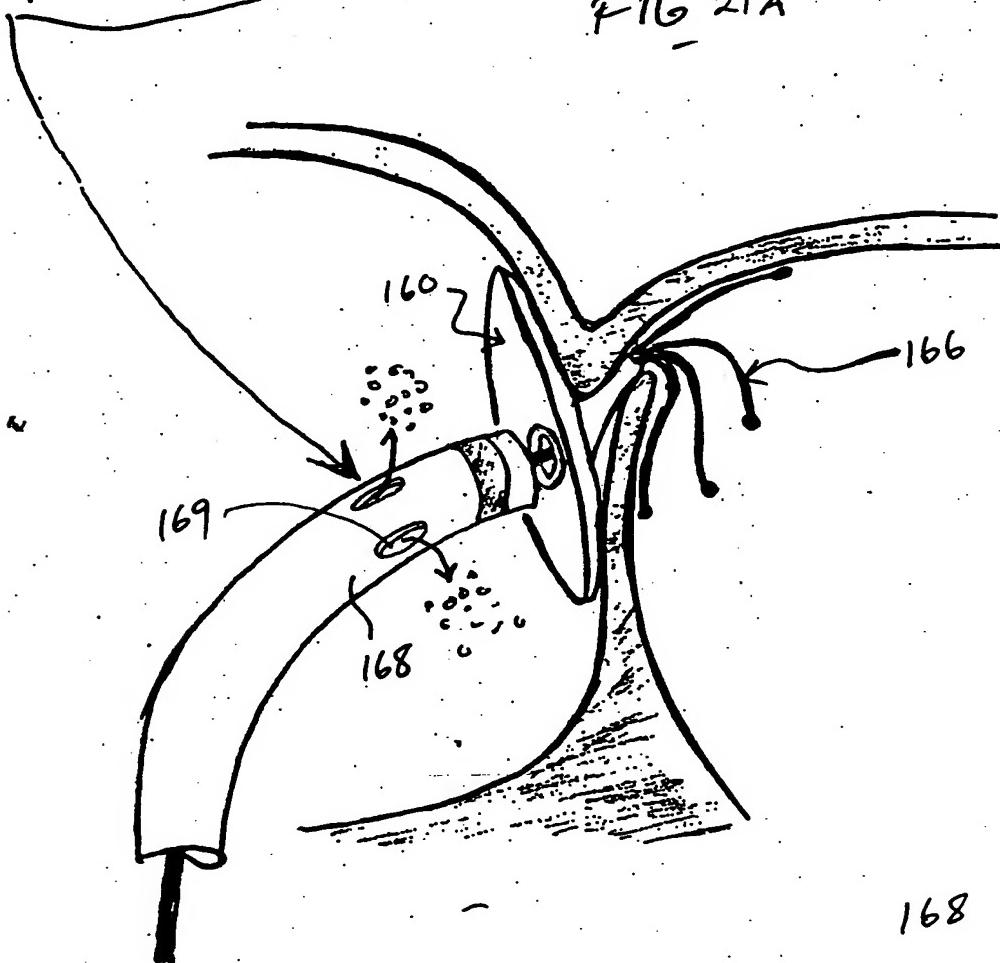
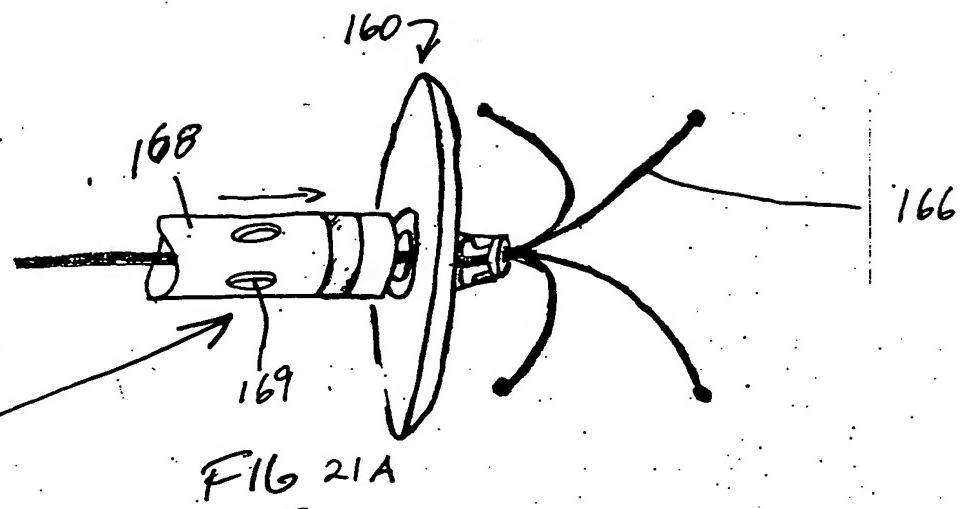


FIG - 21 B

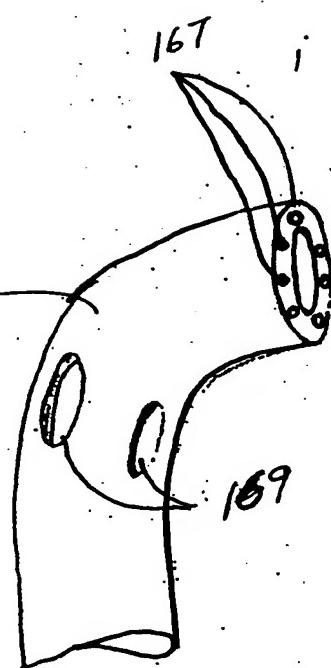


FIG - 21 C

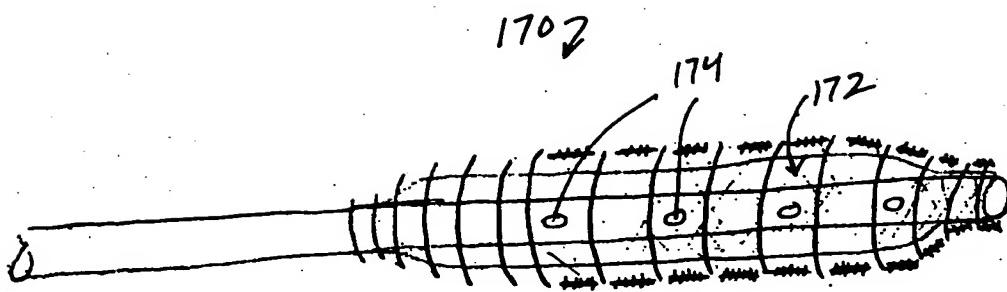


FIG-22A

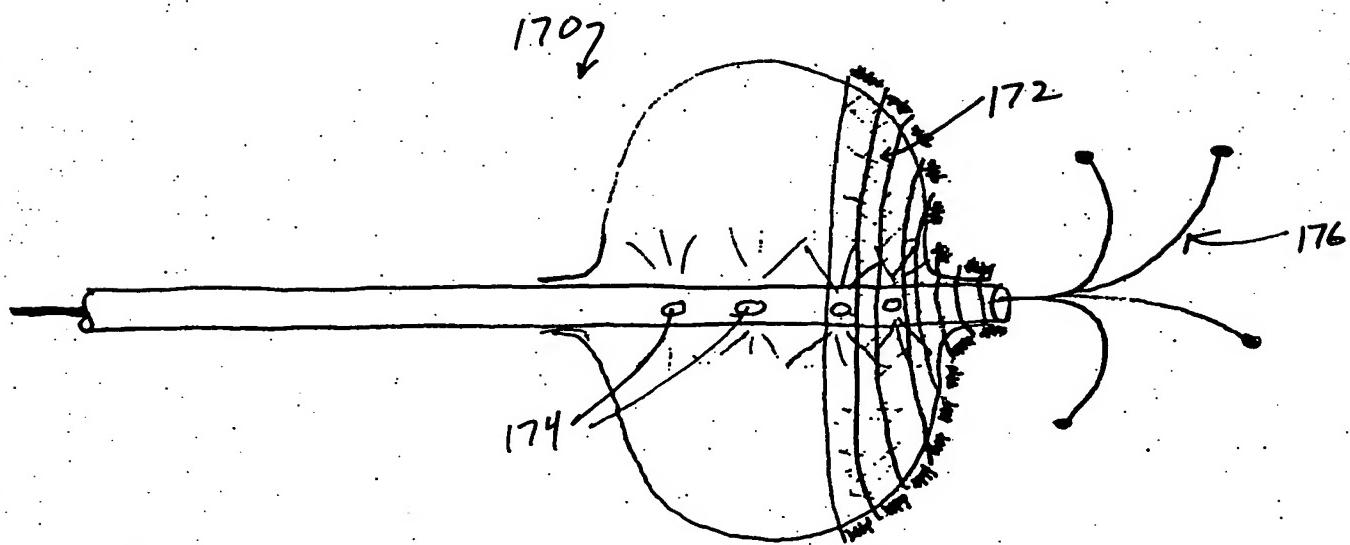


FIG-22B

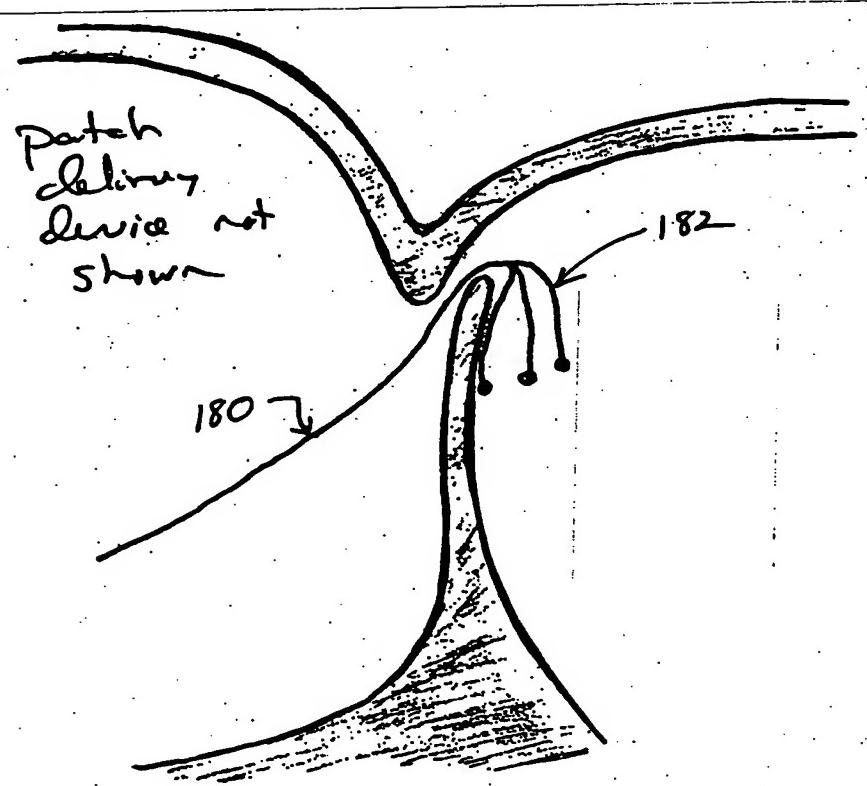


FIG - 23

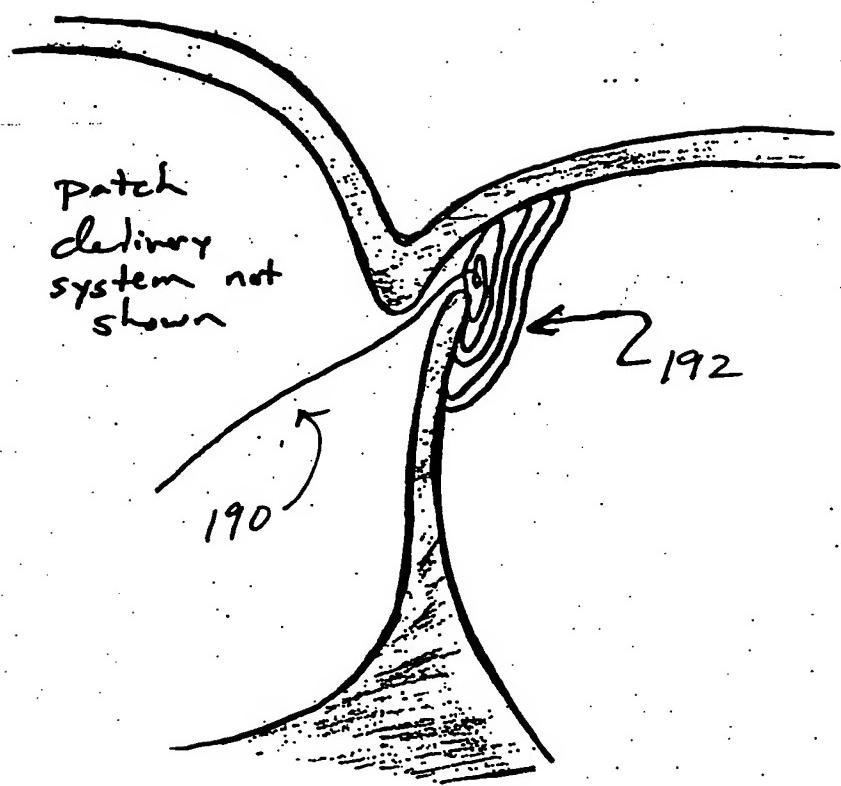


FIG - 24

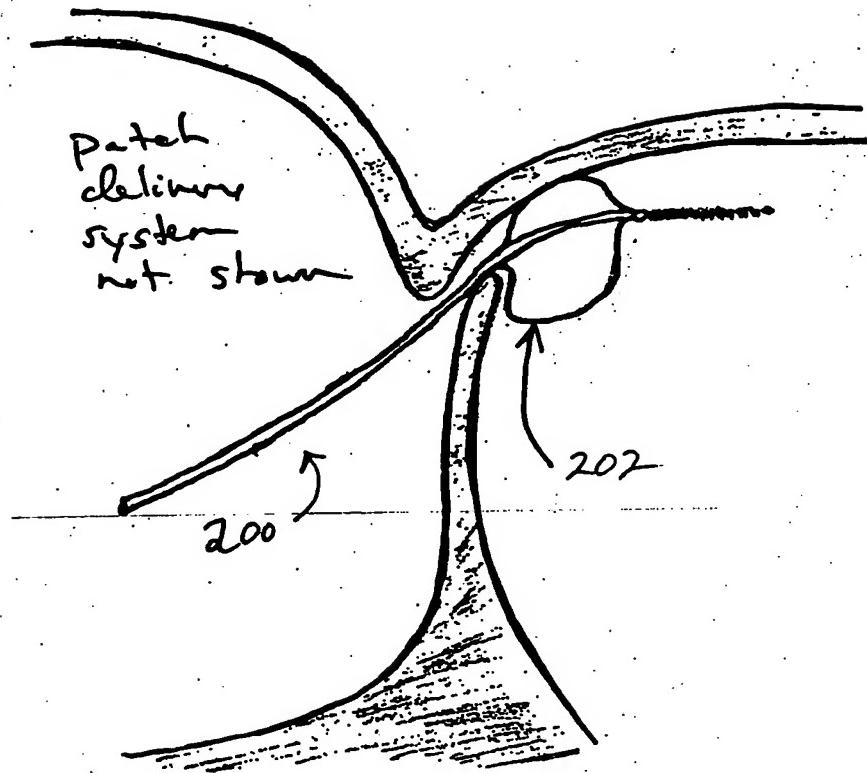


FIG - 25

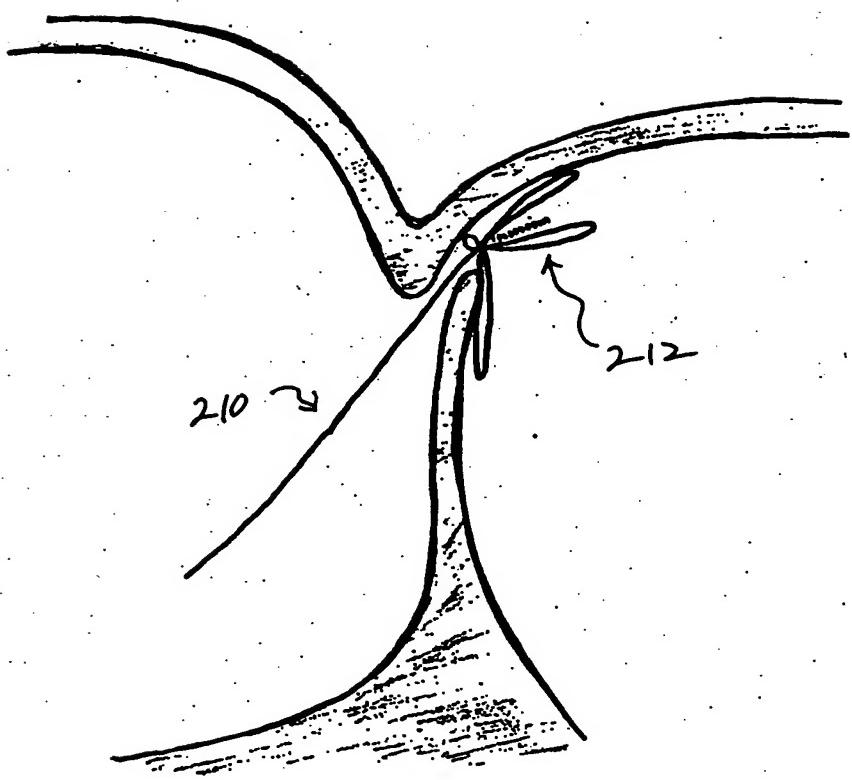


FIG- 26